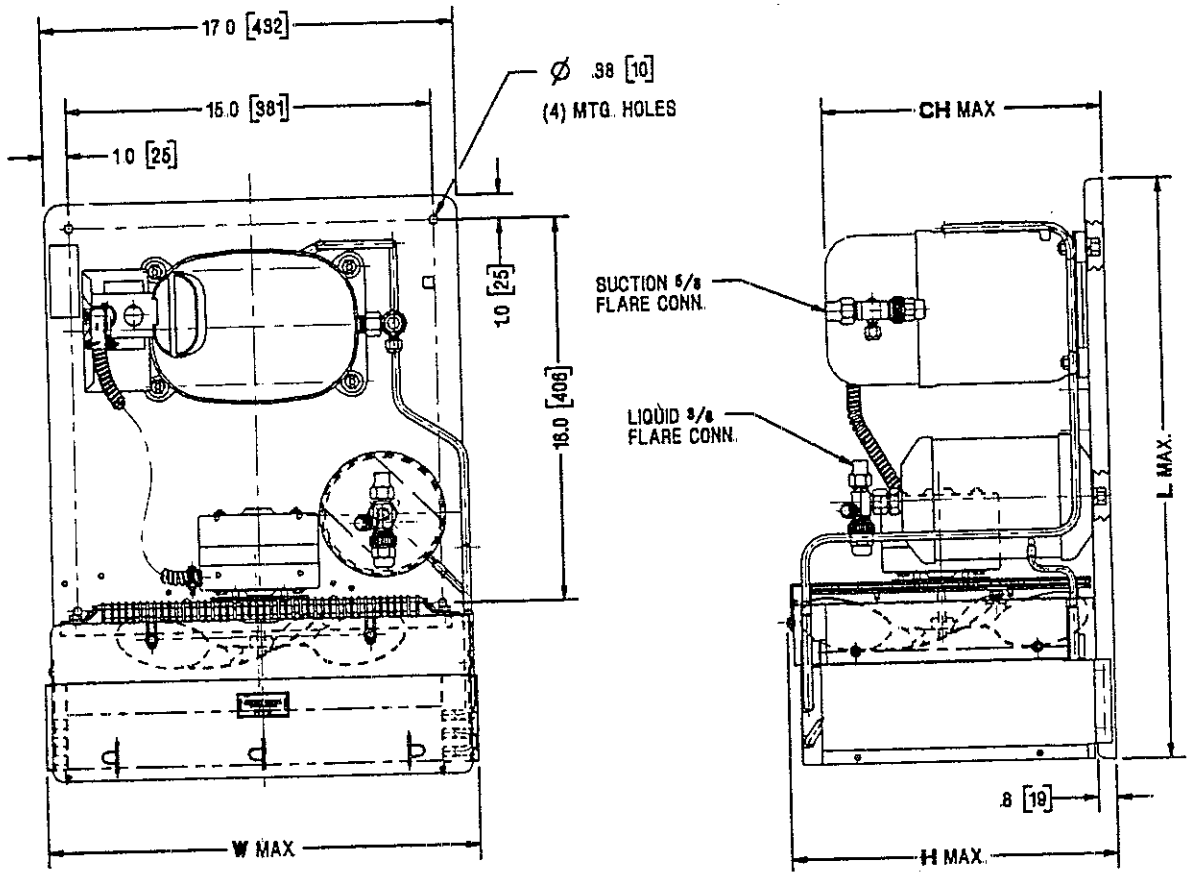
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AJA4512AXDXC (Formerly AJ4512AC) R-12 1 HP AIR COOLED



NOTE:
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AJA4512AXDXC	24.2	17.9	13.2	12.2	5/8 F	3/8 F	6.7#	800	22	93

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections C= Compression Fitting
Factory charge: 20 psig dry air - **MUST BE EVACUATED** **60 HZ Performance**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	21.0	7400	1250	152	7050	1290	173	6700	1330	192
25	24.6	8200	1340	160	7800	1380	180	7400	1415	200
30	28.5	8900	1430	164	8600	1470	185	8000	1505	206
40	37.0	10780	1620	174	10200	1660	198	9600	1700	220
45	41.7	11780	1725	180	11150	1765	200	10500	1810	224
50	46.7	12780	1830	182	12150	1880	202	11600	1925	226

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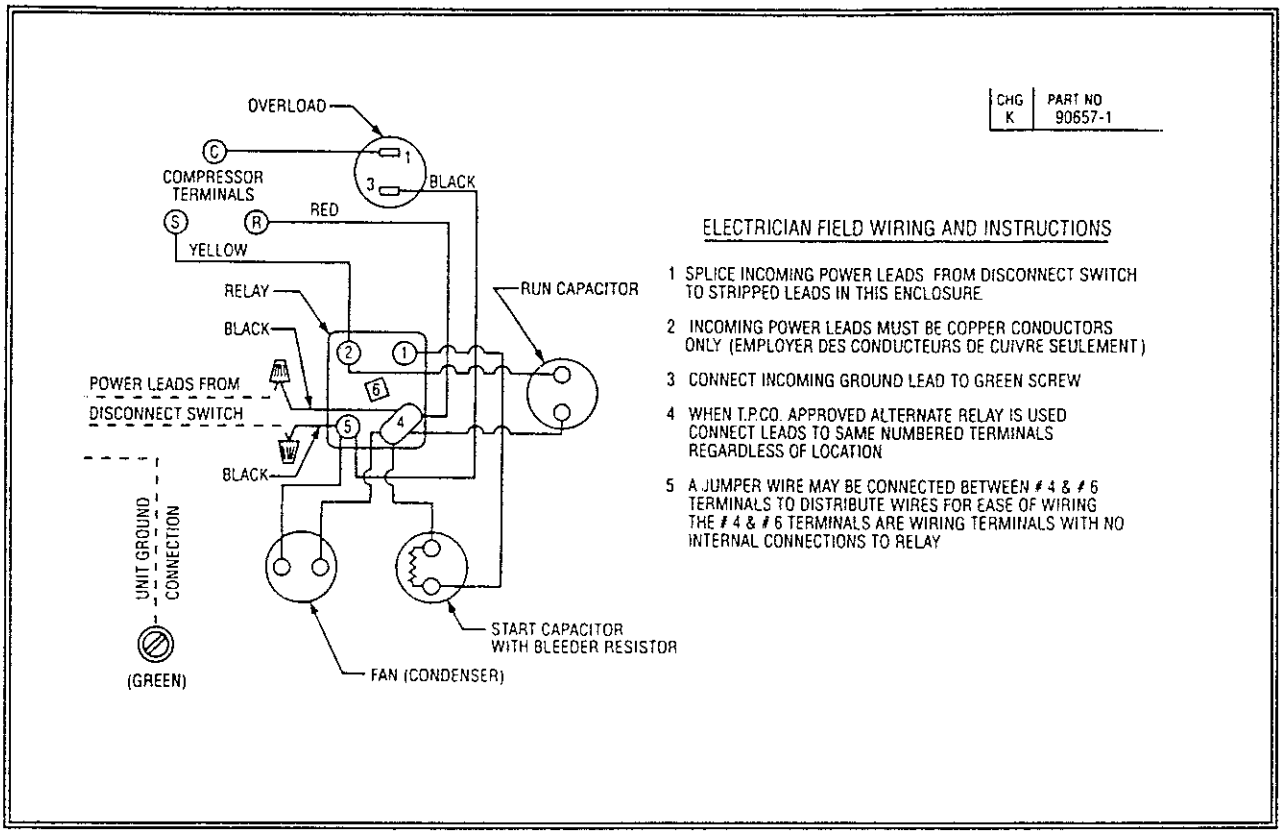
SPECIFICATIONS	AJA4512AXDXC
Nominal Voltage	230/208-60-1
Unit B/M	2A1129-9
Voltage Range	253 to 187
Min. Circuit Ampacity	9.9
Max. Fuse Size (Amps)	15
Compressor Model	AJA4512AXD
Bill of Material	AJ131GT-193
RLA/LRA	7.0/41.0
Fan RLA	1.10
ESP Overload	P83725-1
ESP Relay	P82960
Int. Rel. Box	AE1170-005
Start Cap	85PS330C24
Rating	88-108/330V
Run Cap.	85PR370E36
Rating	15/370V
Fan Motor	TFM372
Fan Blade	51563
Shroud	70736-1
Condenser	K42-4
Fan Guard	71062
Receiver Tank	51081
Receiver Tank Valve	31547 (3/8"F)
Suction Rotolock	31071-1 (5/8"F)
Unit Drawing	SU1893-24
Schematic or Elect. Dwg.	90657-1


OVERLOAD
C
COMPRESSOR TERMINALS
S
R
YELLOW
RED
BLACK
RELAY
BLACK
RUN CAPACITOR
POWER LEADS FROM DISCONNECT SWITCH
BLACK
UNIT GROUND CONNECTION
(GREEN)
START CAPACITOR WITH BLEEDER RESISTOR
FAN (CONDENSER)
CHG K
PART NO 90657-1
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS
1 SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE
2 INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT)
3 CONNECT INCOMING GROUND LEAD TO GREEN SCREW
4 WHEN T.P.CO. APPROVED ALTERNATE RELAY IS USED CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION
5 A JUMPER WIRE MAY BE CONNECTED BETWEEN # 4 & # 6 TERMINALS TO DISTRIBUTE WIRES FOR EASE OF WIRING THE # 4 & # 6 TERMINALS ARE WIRING TERMINALS WITH NO INTERNAL CONNECTIONS TO RELAY

U.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C